

INTERNATIONAL
STANDARD

ISO
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**Non-destructive testing — Evaluation
of vision acuity of NDT personnel**

Essais non destructifs — Évaluation de l'acuité visuelle du personnel END

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword — Supplementary information](#).

ISO 18490 was prepared by European Committee for Standardization (CEN) in collaboration with ISO/TC 135, *Non-destructive testing, SC 7, Personnel Qualification*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Introduction

Standards for NDT Personnel qualification and certification require that the visual acuity of inspection personnel is verified as being appropriate to their function. By meeting the near vision acuity level defined in this International Standard, such requirements of ISO 9712 and EN 4179 will be met. The purpose of this International Standard is to provide a detailed, standardised procedure for the evaluation of near vision acuity for such personnel under defined lighting conditions.

The test is not medical in nature and is intended to objectively ensure adequate near vision perception without reliance on reading ability or text identification. Because it is extremely difficult to demonstrate any equivalency in near vision tests, this International Standard has been prepared in order that an international system may be used without any need to demonstrate equivalence and is the recommended method of determining near vision acuity for NDT Personnel.

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